

draft-ietf-snac-simple

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Status

- Initial version posted in September
- Added author: Jonathan Hui
- Lots of comments on the mailing list
- -01 published March 8 2023
- One remaining unaddressed issue on github:
 - add a state machine for NAT64

What's missing

- The document needs a “does this tell me what to implement?” review. I think the answer in some cases is still “no.”
- Stub Router RA Flag (draft-hui-stub-router-ra-flag-01)
- Section 8 (Services Provided by Stub Routers) is a bit weak

Stub Router RA Flag

- Jonathan has published this document
- It's our job to decide what to say in it and then send it to 6man for review
- I think document is mostly complete, maybe needs the applicability statement before the option format.
- Need to decide when we send the stub router flag
 - E.g. we definitely send it in RAs on infrastructure
 - What about RAs on the stub network?
 - We talked about two flags
 - stub-router-as-advertiser
 - stub-router-as-joiner

Joiner vs. Advertiser

- Joiner: put stub router flag in RA only on infrastructure
 - Now we can tell that there are other stub routers on infrastructure
 - If we see a stub router RA on the stub network, we know that we have a double-stub-network situation
- Advertiser:
 - put flag in RA on stub network as well
 - If people are plugging stuff together, maybe we can detect incorrect configuration?
 - What would we do if we detected it?

Next Steps

- Let's get the stub router document ready for 6man
 - What is missing?
 - Discuss here or on list.
- The document needs a solid look from an implementor's perspective.
 - Authors will do before San Francisco meeting
 - If someone is interested in implementing, please do a pass through the document and see what parts make you scratch your head.
- NAT64 state machine
 - Authors will do prior to San Francisco